

Length (mm) :1000

Clay Louvre Technical Specification

| Characteristic | LOPO Specification | EN 14411:2012 |
|---|----------------------|---|
| Dimensions and surface quality | | |
| Length | ±0.5% | ± 2 % |
| Width | ±0.5% | ±2% |
| Thickness | ±5% | ±10% |
| Straightness of Sides(facial sides) | ±0.5% | ±1% |
| Rectangularity | ±1% | ±1% |
| Surface quality | Fulfilled | A minimum of 95% shall be free from visible defects that would impair the appearance of a major area. |
| Physical properties | | |
| Water Absorption | 3-7.5% | 6-10% |
| Breaking Strength | Average>23000 N | ≥750 N |
| Abrasion Resistance | <460 mm ³ | Max. 1062 mm ³ |
| Resistance to Thermal Shock | Fulfilled | Pass according to EN ISO 10545-1 |
| Freeze-thaw Resistance | Fulfilled | Pass according to EN ISO 10545-1 |
| Moisture Expansion | <0.02% | Declared value |
| Reaction to Fire | Class A1 | Class A1 or A1FL |
| Chemical properties | | |
| Resistance to low concentrations of acids and alkalis | Declared value | ULA |